

ABSTRACT OF THE DISCLOSURE

A receiver that uses multiple antennas to receive signals arriving over multiple paths and is configured for enhanced received signal path detection accuracy and improved reception quality includes receive weight generating means that generates
5 receive weights for every antenna based on signals received from the antennas, summing means that calculates sums of results obtained by multiplying the signals from the antennas and the receive weights of the individual antennas generated by the receive weight generating means, and path detection means that detects the paths of the received signals based on the sums calculated by the summing means.

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